



GOA UNIVERSITY

Sub. P.O. Goa University, Taleigao, Plateau, Goa – 403 206
Tel: 8669609037 (Office) 8669609123 (AR) E-mail: areptnaoffice@unigoa.ac.in

Ref No.: GU/Exam (Prof) T&A/B.E./2025/ 30

Date: 09/05/2025

Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engg., Electronics & Computer Science, VSLI Design & Technology and Mechanical & Automation Engg., Mining)

Semester- III (Revised Course 2019 - 20) Examinations to be held in May/ June 2025

Time: 9.30 a.m. to 12.30 p.m.

Day & Date	S.E. Civil	S.E. Mechanical	S.E. Electronics & TC Electronics & Commn. Engg)	S.E. Computer	S.E. Electrical & Electronics	S.E. Information Technology	S.E. Electronics & Computer Engg (E.Comp.)	S.E. Electronics & Computer Science (ECS)	S.E. VSLI Design & Technology	S.E. Mechanical & Automation Engg.	S.E. Mining
Tuesday 27/05/2025	Mechanics of Solids (CV310)	Mathematics – III (ME310)	Mathematics – III (ET310)	Mathematics – III (CE310)	Mathematics – III (EE310)	Mathematics – III (IT310)	Mathematics – III (ECOMP310)	Essential Mathematics for Engineers (ECS310)	Applied Mathematics III (VLSI310)	Mathematics – III (ME310)	Mathematics III
Saturday 31/05/2025	Fluid Mechanics (CV320)	Mechanics of Solids (ME320)	Circuit Analysis and Synthesis (ET320)	Logic Design (CE320)	Electromagnetic Fields (EE320)	Integrated Electronics (IT320)	Network Analysis and Synthesis (ECOMP320)	Electrical Circuits and Systems (ECS320)	Semiconductor Physics (VLSI320)	Mechanics of Solids and Fluids (MA320)	Mechanics of Solids
Thursday 05/06/2025	Engineering Geology (CV330)	Engineering Thermodynamics (ME330)	Electronic Devices and Circuits (ET330)	Data Structures (CE330)	Digital Electronics (EE330)	Computer Networks (IT330)	Electronic Devices and Circuits (ECOMP330)	Electronic Devices and Circuits (ECS330)	Electronics Devices & circuits (VLSI330)	Engineering Thermodynamics (ME330)	Elements of Mining Engineering
Wednesday 11/06/2025	Building Materials and Construction (CV340)	Engineering Materials Science and Metallurgy (ME340)	Digital System Design (ET340)	Object Oriented Programming System (CE340)	Electrical Machines – I (EE340)	Data Structures and Algorithms with C++ (IT340)	Digital Electronics (ECOMP340)	Digital Electronics (ECS340)	Digital Logic Design (VLSI340)	Engineering Material Science & Metallurgy (ME340)	Mine Development
Monday 16/06/2025	Computer Aided Building Planning and Design (CV350) - (4hrs) 9.30 a.m. to 01.30 p.m.	Engineering Metrology and Machine Drawing (ME350)	Electromagnetic Field & Wave Theory (ET350)	Computer Organization (CE350)	Electrical Circuit Analysis (EE350)	Software Engineering (IT350)	Data Structures and Algorithms using C++ (ECOMP350)	Data Structures and Algorithms using C++ (ECS350)	Circuit Analysis and Synthesis (VLSI350)	Electrical Drives and Actuators (MA350)	Mining Geology

Place: Taleigao Plateau, Goa.
Date: 09.05.2025


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Date: 09/05/2025

Programme of the S.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engg., Electronics & Computer Science and VLSI Design & Technology, Mechanical & Automation Engg., Mining)

Semester- IV (Revised Course 2019 - 20) Examinations to be held in May/ June 2025

Time: 9.30 a.m. to 12.30 p.m.

Day & Date	S.E. (Civil)	S.E. (Mechanical)	S.E. (Electronics & TC) (Electronics & Comm. Engg)	S.E. (Computer)	S.E. (Electrical & Electronics)	S.E. (Information Technology)	S.E. (Electronics & Computer Engg) (E. Comp.)	S.E (Electronics & Computer Science) (ECS)	S.E (VLSI Design & Technology)	S.E (Mechanical & Automation Engg.)	S.E Mining
Monday 26/05/2025	Surveying & Geomatics (CV410)	Energy Conversion (ME410)	Signals & Systems (ET 410)	Discrete Mathematics (CE410)	Numerical Methods (EE410)	Computational Techniques (IT410)	Mathematics – IV (ECOMP 410)	Signal Processing Fundamentals (ECS 410)	Digital Signal Processing (VLSI410)	Mechatronics and PLC (MA410)	Surface Mining
Friday 30/05/2025	Hydraulic Engineering (CV420)	Machine Design (ME420)	Microprocessors and Interfacing (ET 420)	Microprocessors and Microcontrollers (CE420)	Electrical Machines – II (EE420)	Embedded Systems (IT420)	Computer Organization and Architecture (ECOMP 420)	Computer Organization & Operating Systems (ECS 420)	Electromagnetic s (VLSI420)	Engineering Measurements and Metrology (MA420)	Underground Mining Methods
Wednesday 04/06/2025	Structural Analysis (CV430)	Fluid Mechanics (ME430)	Linear Integrated Circuits (ET 430)	Formal Languages and Automata Theory (CE430)	Analog Electronics (EE430)	Object Oriented Programming using Java (IT430)	Analog Circuits Design (ECOMP 430)	Analog Electronics & Instruments (ECS 430)	Microprocessors and Peripherals (VLSI430)	Mechanisms and Machine Design (MA430)	Mine Surveying – I
Tuesday 10/06/2025	Transportation Engineering (CV440)	Analysis and Synthesis of Mechanisms (ME440)	Transmission Lines and Antennas (ET 440)	Modern Algorithms Design Foundation (CE440)	Fundamentals of Signal Processing (EE440)	Operating System (IT440)	Database Management Systems (ECOMP 440)	Microprocessors & Microcontrollers (ECS 440)	VLSI Technology and IC Fabrication (VLSI440)	Digital Electronics and Microprocessor Applications (MA440)	Rock Mechanics and Ground Control
Saturday 14/06/2025	Geotechnical Engineering (CV450)	---	Statistical Communication Theory (ET 450)	Object-Oriented Software Engineering (CE450)	Renewable Energy (EE450)	Design and Analysis of Algorithm (IT450)	Java Programming (ECOMP 450)	Java Programming (ECOMP 450)	Linear Integrated Circuits (VLSI450)	---	Underground Mining Machinery
Thursday 19/06/2025	Economics for Engineers (HM003)	Economics for Engineers (HM003)	Engineering Economics and Management (HM008)	Economics for Engineers (HM100)	Economics for Engineers (HM003)	Management and Organizational Behaviour (HM004)	Business Economics and Management (HM013)	Business Economics and Management (HM013)	Engineering Economics and Management (HM008)	Economics for Engineers (HM003)	Economics for Engineers

	HONORS/MINOR DEGREE	HONORS/MINOR DEGREE	HONORS/MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE	MINOR DEGREE
Tuesday 24/06/2025	1. Low Cost Construction Techniques (LCT-01) 2. Construction Economics Finance & Budgeting (CM-01)	1. Rapid Prototyping. (MES410) 2. Energy Resources Economics and Environment (MEE 410)	1. Introduction to Internet of Things (IOT-01)	1. Mathematical Foundations for Artificial Intelligence and Machine Learning (CEAM-01)	1. Introduction to Electric Vehicle (EEM-401)	1. Introduction to Data Science (MDS01)	1. Introduction to Robotics (RAI-401)	1. Introduction to Robotics (RAI-401)	-----	-----	-----

Place: Taleigao Plateau, Goa.
Date: 09.05.2025


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Ref No.: GU/Exam (Prof) T&A/B.E./2025/ 30

Date: 05/05/2025

Programme of the T.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, Electronics & Computer Engineering, VLSI Design & Technology, and Electronics and Computer Science.)

Semester- V (Revised Course 2019 - 20) Examinations to be held in May/ June 2025

Time: 02.00 p.m. to 05.00 p.m.

Day & Date	T.E. (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC) (Electronics & Comm. Engg)	T.E. (Computer)	T.E. (Electrical & Electronics)	T.E. (Information Technology)	T.E. (Electronics & Computer Engineering) E.Comp	T.E. (VLSI Design & Technology)	T.E. (Electronics and Computer Science) ECS
Thursday 29/05/2025	Concrete Technology (CV510)	Manufacturing Technology – I (ME510)	Analog and Digital Communication (ET510) Communication Engineering (AITD) (EC510)	Database Management and Query Processing (CE510)	Control Systems (EE510)	Database Management System (IT510)	Microcontrollers and Interfacing (ECOMP 510)	Digital VLSI Design (VLSI 510)	Electronics Communication Systems (ECS 510)
Tuesday 03/06/2025	Environmental Engineering (CV520)	Dynamics of Machinery (ME520)	Digital Signal Processing (ET520)	Operating Systems (CE520)	Microprocessors and Microcontrollers (EE520)	Theory of Computation (IT520)	Operating System (ECOMP 520)	Analog VLSI Design (VLSI 520)	Database Systems Concepts (ECS 520)
Monday 09/06/2025	1. Pavement Design and Construction (CV531) 2. Numerical Methods (CV532) 3. Environmental Impact Assessment and Life Cycle Analysis (CV533) 4. Foundation Engineering (CV534) 5. Occupational Safety and Health (CV535)	1. Advanced Thermodynamics (ME531) 2. Mechanical Vibrations (ME532) 3. Mechatronics (ME533) 4. Management Information System (ME534) 5. Industrial Safety and Occupational Health (ME535)	1. Embedded Systems (ET531) 2. Power Electronics (ET532) 3. Bio-Medical Engineering (EC533) 4. Soft Computing (ET533) 5. Numerical Methods and Approximations (ET534) 6. Solid State Devices and Technology (ET535)	1. Graph Theory (CE531) 2. Neural Networks (CE532) 3. Object Oriented Programming using JAVA (CE533) 4. Distributed Operating Systems (CE534)	1. Digital Signal Processing (EE531) 2. Illumination Engineering (EE532) 3. Electrical Machines Design (EE533) 4. Electric Drives (EE534)	1. Cloud Computing (IT531) 2. Software Testing and Quality Assurance (IT532) 3. Digital Signal Processing (IT533) 4. Internet of Things (IT534)	1. Software Engineering (ECOMP 532) 2. Soft Computing (ECOMP 533) 3. Design and Analysis of Algorithms (ECOMP 534)	1. Computer Organization and Design (VLSI 531) 2. Control Systems Engineering (VLSI 532) 3. Optimization Techniques (VLSI 533)	1. Open Source Software Development (ECS 531) 2. Software Engineering (ECOMP 532) 3. Soft Computing (ECOMP 533) 4. Design and Analysis of Algorithms (ECOMP 534) 5. Computer Graphics (ECOMP 535)
Friday 13/06/2025	1. Advanced Structural Analysis (CV541) 2. Ground Improvement Techniques (CV542) 3. Green Building	1. Gas Dynamics & Turbo Machinery ME541 2. Engineering Tribology ME542 3. Advance Machine Design ME543	1. Microwave Engineering (ET541) 2. Electromagnetic Compatibility Engineering (ET542) 3. Theory of Machine Learning	1. Modern Computer Graphics (CE541) 2. Web Technologies (CE542) 3. Testing and Quality Assurance (CE543)	1. Testing & Maintenance of Electrical Machines (EE541) 2. Analog and Digital Communication (EE542) 3. Bio-Medical	1. Computer Graphics (IT541) 2. Statistical Models for Information Science (IT542) 3. Advanced Computer Architecture (IT543) 4. Graph Theory (IT544)	1. Control System Engineering (ECOMP 541) 2. Power Electronics (ECOMP 542) 3. Digital Signal Processing (ECOMP 543)	1. Soft Computing (VLSI 541) 2. Nanoelectronics (VLSI 542) 3. Operating Systems (VLSI 543)	1. Control System Engineering (ECOMP 541) 2. Power Electronics (ECOMP 542) 3. Digital Signal Processing and Applications ECS

	(CV543) 4. Rural Water Supply and Onsite Sanitation System (CV544) 5. Advanced Surveying (CV545)	4. Micro Electro Mechanical System ME544 5. Instrumentation & Control ME545	(EC543) 4. Digital Image Processing (ET543) 5. Electronics Instrumentation and Automation (ET544) 6. Information Theory & Coding (ET545)	4. Real-Time Systems (CE544)	Instrumentation (EE543) 4. Operation Research (EE544)		4. Principles of Communication Engineering (ECOMP 544) 5. Consumer Electronics (ECOMP 545)		543) 4. Transmission Lines and Antennas (ECOMP 544) 5. Consumer Electronics (ECOMP 545)
Wednesday 18/06/2025	OPEN ELECTIVE 1. Green Building 2. Occupational Safety and Health 3. Numerical Methods	OPEN ELECTIVE 1. Instrumentation and Control 2. Mechatronics (OE) 3. Industrial Safety and Occupational Health	OPEN ELECTIVE 1. Soft Computing 2. Bio-Medical Engineering 3. Electronic Instrumentation and Automation 4. Information Theory Coding	OPEN ELECTIVE 1. Neural Network 2. Object Oriented Programming using JAVA 3. Distributed Operating System 4. Modern Computer Graphics 5. Web Technologies 6. Testing and Quality Assurance 7. Real Time & Systems	OPEN ELECTIVE Illumination Engineering	OPEN ELECTIVE 1. Cloud Computing 2. Software Testing and Quality Assurance 3. Internet of Things 4. Computer Graphics 5. Statistical Models for Information Science 6. Graph Theory 7. Digital Signal Processing 8. Advanced Computer Architecture	OPEN ELECTIVE 1. Soft Computing	OPEN ELECTIVE -----	OPEN ELECTIVE 1. Soft Computing
Monday 23/06/2025	Entrepreneurship and IPR (HM005)	Engineering Statistics HM010	Ethics and Entrepreneurship (HM-009)	Cyber Law & IPR (HM300)	Entrepreneurship and Intellectual Property (HM004)	Ethics and Entrepreneurship (HM009)	Ethics and Entrepreneurship (HM009)	Ethics and Entrepreneurship (HM009)	Ethics and Entrepreneurship (HM009)
Friday 27/06/2025	HONORS/MINOR DEGREE 1. HVAC & Plumbing (LCT-02) 2. Construction Contracts Management & Specifications (CM-02)	HONORS/MINOR DEGREE 1. Introduction to Renewable Energy Technologies (MEE 510) 2. Industry 4.0 and Industrial Internet of Things (MES510)	HONORS/MINOR DEGREE 1. Introduction to Security of Cyber-Physical Systems (IOT-02)	HONORS/MINOR DEGREE 1. Introduction to Artificial Intelligence & Machine Learning (CEAM-02)	HONORS/MINOR DEGREE 1. Battery Management System (EEM-501)	HONORS/MINOR DEGREE 1. Basics of AI and ML (MDS 02)	HONORS/MINOR DEGREE 1. Fundamentals of Artificial Intelligence (RAI-501)	HONORS/MINOR DEGREE -----	HONORS/MINOR DEGREE 1. Fundamentals of Artificial Intelligence (RAI-501)

Place: Taleigao Plateau, Goa.
Date: 09.05.2025


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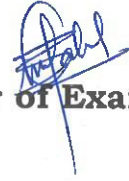
Semester- VI (Revised Course 2019 - 20) Examinations to be held in May/June 2025

Time: 02.00 p.m. to 05.00 p.m.

Day & Date	T.E. (Civil)	T.E. (Mechanical)	T.E. (Electronics & TC) (Electronics & Commn Engg)	T.E. (Computer)	T.E.. (Electrical & Electronics)	T.E. (Information Technology)	T.E. (Electronics and Computer Engg.)	T.E. VLSI Design & Technology	T.E. Electronics & Computer Science (ECS)
Wednesday 28/05/2025	Design of Reinforced Concrete Structures (CV610)	Heat and Mass Transfer (ME610)	Control System Engineering (ET 610)	Modern Computer Networking (CE610)	Power System – I (EE610)	Principles of Compilers (IT610)	Fundamentals of VLSI Design (ECOMP 610)	Embedded Systems with RTOS (VLSI 610)	VLSI Design & Technology (ECS 610)
Monday 02/06/2025	Design of Steel Structures (CV620)	Manufacturing Technology-II (ME620)	VLSI Technology and Design (ET 620) Digital VLSI (AITD) (EC 620)	Artificial Intelligence (CE620)	Power Electronics (EE620)	Web Technology (IT620)	Computer Networks (ECOMP 620)	Analog & Digital Communication (VLSI 620)	Introduction to Computer Networks (ECS 620)
Friday 06/06/2025	1. Geo-synthetics and Application (CV631) 2. Finite Element Method (CV632) 3. Air and Noise Pollution and Control (CV633) 4. Advanced Engineering Geology (CV634) 5. Remote Sensing and GIS (CV635)	1. Power Plant Engineering (ME631) 2. Advanced Mechanics of Solids (ME632) 3. Fibre Reinforced Composites (ME633) 4. Quality and Reliability (ME634) 5. Applied Operations Research (ME635)	1. Real-Time Operating Systems (ET 631) 2. Radar System Engineering (ET 632) 3. Artificial Neural Networks (ET 633) 4. Nano Electronics (ET 634) 5. Wireless Sensor Networks (ET 635) 6. Deep Learning (EC 633)	1. Computational Number Theory (CE631) 2. Advanced Computer Organization and Architecture (CE632) 3. Speech and Natural Language Processing (CE633) 4. Data Mining and Data Warehousing (CE634)	1. Distributed Generation and Microgrid (EE631) 2. Power Quality (EE632) 3. Digital Control System (EE633) 4. Artificial Neural Network and Fuzzy Logic (EE634)	1. Natural Language Processing (IT631) 2. Artificial Intelligence and Fuzzy Logic (IT632) 3. Distributed System (IT633) 4. Queuing Theory and Modeling (IT634)	1. Artificial Intelligence (ECOMP 631) 2. Augmented Reality and Virtual Reality (ECOMP 632) 3. Mobile Phone Programming (ECOMP 633) 4. Software Testing and Quality Assurance (ECOMP 634) 5. Introduction to Formal Languages and Automata (ECOMP 635)	1. Introduction to Artificial Neural Networks (VLSI 631) 2. CMOS RF IC Design (VLSI 632) 3. Introduction to Micro-Electromechanical Systems (VLSI 633)	1. Neural Networks & Deep Learning (ECS 631) 2. Augmented Reality & Virtual Reality (ECOMP 632) 3. Mobile Phone Programming (ECOMP 633) 4. Software Testing & Quality Assurance (ECOMP 634)) 5. Introduction to Cloud Computing (ECS 635)

Thursday 12/06/2025	1. Bridge Engineering (CV641) 2. Construction Equipment and Automation (CV642) 3. Structural Dynamics (CV643) 4. Advanced Geotechnical Engineering (CV644) 5. Ground Water Engineering (CV645)	1. Alternate Energy Sources ME641 2. Tool Engineering ME642 3. Fluid Power Control ME643 4. Supply Chain Management ME644 5. System Modelling and Simulation ME645	1. Motor Control and Applications (ET 641) 2. Adaptive Signal Processing (ET 642) 3. Bio-Medical Electronics and Instrumentation (ET 643) 4. Mobile Communication (ET 644) 5. Error Control Coding (ET 645) 6. Image Processing (EC 641) 7. ARM Architecture and Programming (EC 643) 8. Micro Electro-Mechanical Systems (EC 645)	1. High Performance Computing (CE641) 2. Information Retrieval (CE642) 3. Image Processing & Vision (CE643) 4. Cloud Computing & Application (CE644)	1. Power System Protection (EE641) 2. VLSI Circuit Design (EE642) 3. Hybrid Vehicles (EE643) 4. Electrical Energy Conservation and Auditing (EE644)	1. Java Programming (IT641) 2. Open Source Software Development (IT642) 3. Computer Forensics & Cyber Security (IT643) 4. E-Commerce (IT644)	1. Digital Image Processing (ECOMP 641) 2. Information Theory and Coding (ECOMP 642) 3. Advanced Microcontroller (ECOMP 643) 4. Mobile Communication (ECOMP 644) 5. Robotics (ECOMP 645)	1. Elements of Radar System Engineering (VLSI 641) 2. Information Theory & Coding (VLSI 642) 3. Introduction to Digital Image Processing (VLSI 643)	1. Digital Image Processing (ECOMP 641) 2. Information Theory & Coding (ECOMP 642) 3. Advanced Microcontroller (ECOMP 643) 4. Industrial Automation & Control (ECS 644) 5. Robotics (ECS 645)
Tuesday 17/06/2025	OPEN ELECTIVE 1. Air & Noise Pollution 2. Ground Water Engineering	OPEN ELECTIVE 1. Supply Chain Management 2. Alternate Energy Sources	OPEN ELECTIVE 1. Artificial Neural Network 2. Biomedical Electronics and Instrumentation 3. Motor Control and its Applications 4. Wireless Sensor Network 5. Micro Electro Mechanical System	OPEN ELECTIVE 1. Data Mining and Data Warehousing 2. Image Processing & Vision 3. Cloud Computing and Application	OPEN ELECTIVE 1. Electrical Energy Conservation 2. Hybrid Vehicles	OPEN ELECTIVE 1. Artificial Intelligence and Fuzzy Logic 2. Java Programming 3. Open Source Software Development 4. Computer Forensic & Cyber Security 5. E-Commerce	OPEN ELECTIVE 1. Information Theory & Coding -----	OPEN ELECTIVE -----	OPEN ELECTIVE 1. Information Theory & Coding 2. Industrial Automation & Control
Saturday 21/06/2025	Estimation and Costing (HM011)	Technical English and Report Writing (HM002)	Cyber Law and IPR (HM006)	Technical Writing and Professional Ethics HM200	Management Organizational Behavior (HM005)	Technical English and Report Writing (HM002)	Cyber Law & IPR (HM006)	Cyber Law and IPR (HM006)	Cyber Law and IPR (HM006)
Thursday 26/06/2025	HONORS/MINOR DEGREE 1. Corporate Law and Arbitration (CM-03) 2. Formwork Design (LCT-03)	HONORS/MINOR DEGREE 1. PLC and SCADA (MES610) 2. Biomass Energy System (MEE 610)	HONORS/MINOR DEGREE 1. Ubiquitous Sensing, Computing and Communication (IOT-03)	MINOR DEGREE 1. Data Science and Analytics (CEAM-03)	MINOR DEGREE 1. Electrical Vehicle Drives & Control (EEM-601)	MINOR DEGREE 1. Computational Data Analytics (MDS03)	MINOR DEGREE 1. Robot Programming (RAI 601)	HONORS/MINOR DEGREE -----	HONORS/MINOR DEGREE 1. Robot Programming (RAI 601)

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Date: 09/05/2025

Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg, Computer, Electrical & Electronics, Information Technology, & Electronics and Computer Engg.)

Semester- VII (Revised Course 2019 - 20) Examinations to be held in May/ June 2025

Time: 02.00 p.m. to 05.00 p.m.

Day & Date	B.E. (Civil)	B.E. (Mechanical)	B.E. (Electronics & TC) (Electronics & Comm. Engg)	B.E. (Computer)	B.E. (Electrical & Electronics)	B.E. (Information Technology)	B.E. (Electronics and Computer Engg.) E.Comp.
Tuesday 27/05/2025	Construction Engineering and Management CV710	CAD/CAM ME710	Data Communication (ET710)	Compiler Design CE710	Power System – II (EE710)	Image Processing IT710	Industrial Automation and Instrumentation (ECOMP 710)
Saturday 31/05/2025	1. Structural Repair and Retrofitting CV721 2. Designs of Prestressed Concrete Structures CV722 3. Soil Dynamics and Machine Foundations CV723 4. Advance Steel Structures CV724 5. Biological Processes for Contaminant Removal CV725	1. Refrigeration and Air Conditioning ME721 2. Finite Element Method ME722 3. Six Sigma Management ME723 4. Advanced Optimization ME724 5. Additive Manufacturing ME725	1. Robotics (ET721) 2. Machine Learning (ET722) 3. Wavelets and Multirate Signal Processing (ET723) 4. Consumer Electronics (ET724) 5. Hardware Description Language (ET725) 6. Internet of Things (EC725) 7. Analog VLSI (EC722)	1. Embedded Systems & Design CE721 2. Machine Learning CE722 3. Data Analytics CE723 4. Mobile Computing & Android Programming CE724	1. Flexible AC Transmission System (EE721) 2. Image Processing (EE722) 3. Smart Grid (EE723) 4. PLC and Its Applications (EE724)	1. Data Analytics IT721 2. Wireless Sensor Network IT722 3. Genetic Algorithms IT723 4. Object Oriented Modeling using UML IT724	1. Blockchain Technology (ECOMP 721) 2. Machine Learning (ECOMP 722) 3. Hardware Descriptive Languages (ECOMP 723) 4. Wireless Sensor Networks (ECOMP 724) 5. Advance Database Systems (ECOMP 725)
Thursday 05/06/2025	OPEN ELECTIVE Biological Processes for Contaminant Removal	OPEN ELECTIVE 1. Refrigeration and Air-Conditioning 2. Additive Manufacturing 3. Six Sigma Management	OPEN ELECTIVE 1. Robotics 2. Machine Learning 3. Consumer Electronics	OPEN ELECTIVE 1. Embedded Systems & Design 2. Machine Learning 3. Data Analytics 4. Mobile Computing & Android Programming	OPEN ELECTIVE 1. PLC and its Applications	OPEN ELECTIVE 1. Data Analytics 2. Wireless Sensor Network 3. Genetic Algorithms 4. Object-Oriented Modeling using UML	OPEN ELECTIVE 1. Machine Learning

	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>	<u>HONORS/MINOR DEGREE</u>
Wednesday 11/06/2025	1. Smart Materials and Structures (LCT-04) 2. Quality and Safety Management in Construction (CM-04)	1. Energy Management (MEE 710) 2. Advanced CNC Technology (MES710)	1. Embedded Systems for IoT (IOT-04)	1. Neural Networks and Deep Learning (CEAM-04)	1. Mechanical and Thermal Design of Battery Pack in Electric Vehicle (EEM701)	1. Statistics for Data Science (MDS04)	1. Robotic Vision and Control (RAI 701)

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**Programme of the B.E (Civil, Mechanical, Electronics & Telecommunication/Electronics Comm. Engg,
Computer, Electrical & Electronics, and Information Technology)**

Semester- VIII (Revised Course 2019 - 20) Examinations to be held in May June 2025.

Time: 02.00 p.m. to 05.00 p.m.

Day & Date	B.E. (Civil)	B.E. (Mechanical)	B.E. (Electronics & TC)/ (Electronics & Commnn. Engg)	B.E. (Computer)	B.E. (Electrical & Electronics)	B.E. (Information Technology)	B.E. (Electronics & Computer Engg) (E. Comp.)
Monday 26/05/2025	Hydrology and Water Resource Engineering (CV810)	Industrial Engineering and Operations Management (ME810)	Advanced Communication Engineering (ET810)	Cryptography Techniques for Network Security (CE810)	High Voltage Engineering (EE810)	Cryptography and Network Security (IT810)	Cryptography and Network Security (ECOMP 810)
Friday 30/05/2025	1. Architectural Engineering (CV821) 2. Earthquake Engineering (CV822) 3. Structural Design of Foundation (CV823) 4. Solid and Hazardous Waste Management (CV824) 5. Port and Harbour Engineering (CV825)	1. Energy Conservation and Management (ME821) 2. Automobile Engineering (ME822) 3. Industrial Automation and Robotics (ME823) 4. Maintenance Engineering & Management (ME824) 5. Computational Fluid Dynamics (ME825)	1. Process Control Instrumentation (ET821) 2. RF Design (ET822) 3. High Performance Computer Architecture (ET823) 4. Secure Communication (ET824) 5. System Verification & Validation (ET825) 6. Computer Network Design (ET826)	1. Internet of Things (CE821) 2. Pattern Recognition (CE822) 3. Multimedia Systems and Applications (CE823) 4. Software Development Framework (CE824)	1. Embedded Systems (EE821) 2. Power System Operation and Control (EE822) 3. Reliability of Electrical System (EE823) 4. PV & its Applications (EE824)	1. Computer Vision (IT821) 2. Mobile Computing (IT822) 3. Advanced Data Structures (IT823) 4. Social Networking (IT824)	1. Compiler Design (ECOMP 821) 2. Digital VLSI (ECOMP 822) 3. Biomedical Electronics & Instrumentation (ECOMP 823) 4. Internet of Things (ECOMP 824) 5. Data Analytics (ECOMP 825)
Wednesday 04/06/2025	HONORS/MINOR DEGREE 1. Construction Safety (LCT-05) 2. Infrastructure Planning and Management (CM-05)	HONORS/MINOR DEGREE 1. Advancement in IC Engines and Basics of Electric Vehicles (MEE 810) 2. Robotics and Artificial Intelligence (MES810)	HONORS/MINOR DEGREE 1. IOT with Arduino, ESP, and Raspberry Pi (IOT-05)	HONORS/MINOR DEGREE 1. Applications of Artificial Intelligence (CEAM-051)	HONORS/MINOR DEGREE 1. Economic Aspect and Electric Vehicle Integration to Smart Grid (EEM801)	HONORS/MINOR DEGREE 1. Analysing, Visualizing, and Applying Data Science (MDS05)	HONORS/MINOR DEGREE 1. Special Topics in Artificial Intelligence (RAI-801)

Place: Taleigao Plateau, Goa.
Date: 09.05.2024

Controller of Examinations